



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Thursday, December 28, 2017  
Issued: 0800 CT

**Day 1 Weather Impacts:** *Light freezing drizzle possible over SW OK and NW TX along Red River;  
Localized minor travel impacts possible.*

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Brian Hoeth/Paul McKee  
817-978-1100 x 147**

# Key Points



## Today

- **Light freezing drizzle possible over SW OK and NW TX along Red River**
- **Localized minor travel impacts possible.**

## Friday

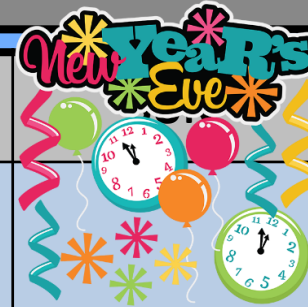
- **No significant weather expected**

## Saturday – Monday (New Year's Day)

- **Next system moves through the Region on Saturday; looks to be a strong arctic front that will usher in much colder temperatures to start the New Year**
  - **Wintry mix of precipitation is possible over NE portions of the Region Saturday night into Sunday; Low confidence on exact type/amounts/locations at this time**
  - **Low temperatures in the teens for much of the northern tier of the Region Sunday morning and even colder (single digits in the north, teens to 20s for middle portions of the Region) on Monday morning (New Year's Day)**

# FEMA Region 6 Threat Matrix

## Dec 28, 2017 through Jan 1, 2018



	THU	FRI	SAT		MON
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather					
Winter	SW OK, NW TX		NE Portions of the Region	NE Portions of the Region	NE Portions of the Region
River Flooding					

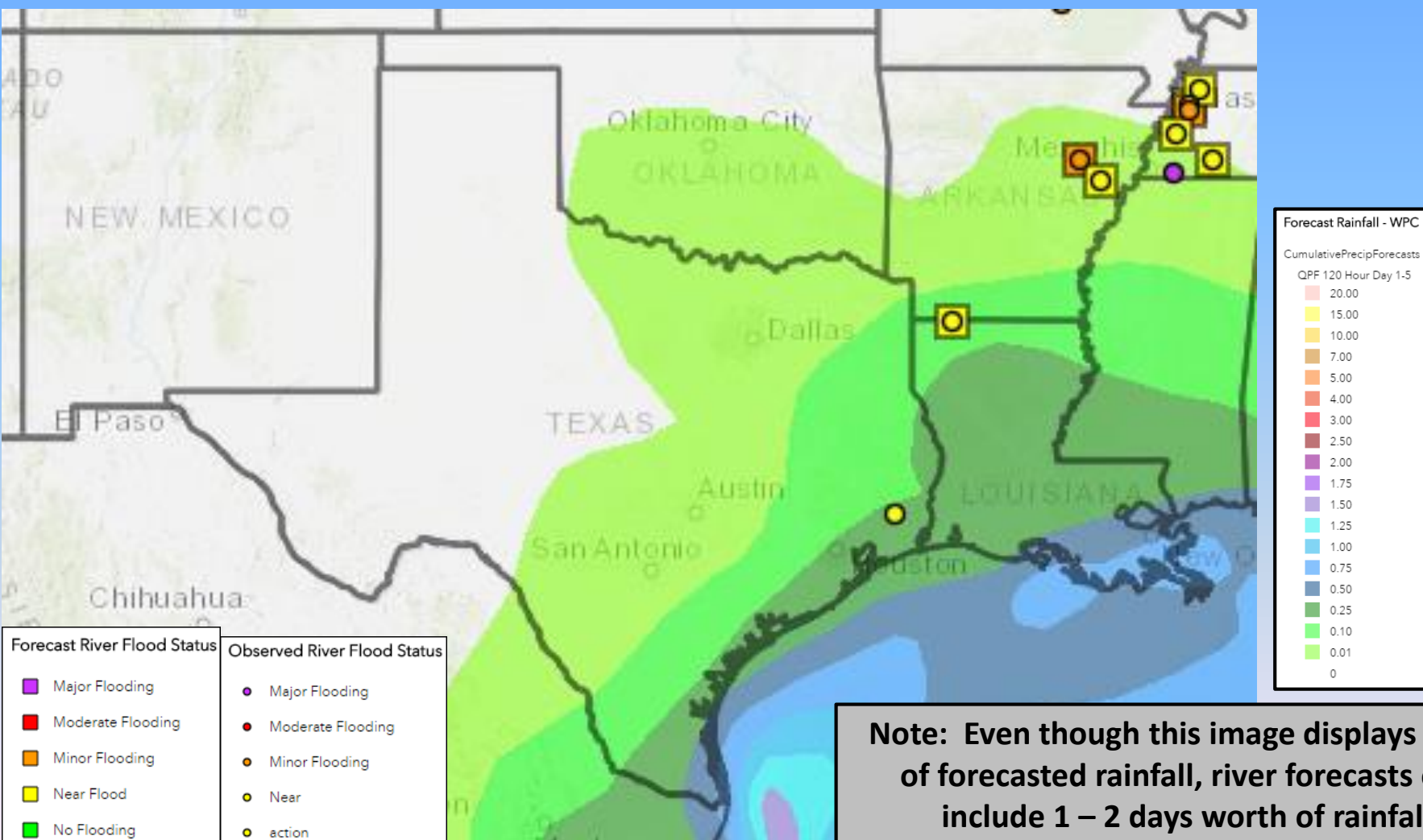
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

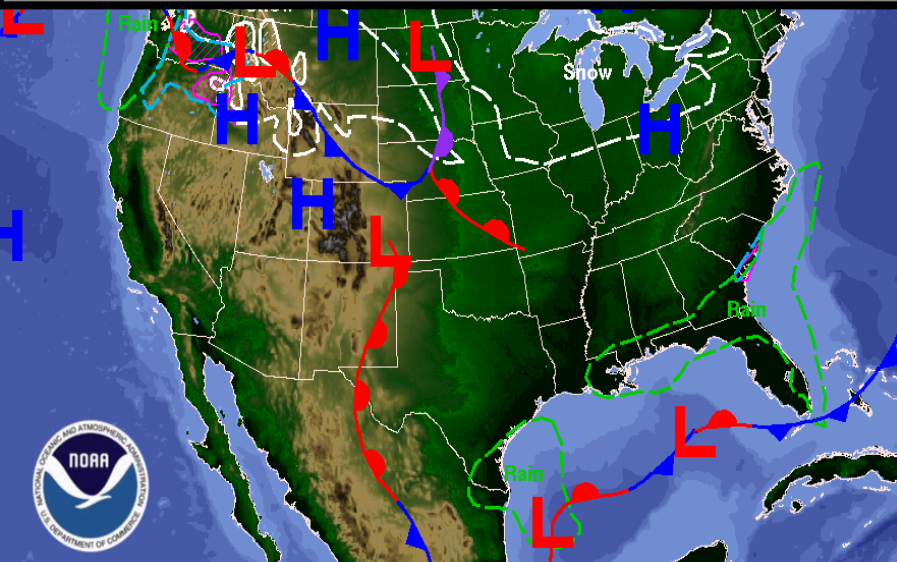
**Very isolated minor river flooding will continue over NW LA & E AR for the next few days.  
No significant impacts.**



**Note: Even though this image displays 5 days of forecasted rainfall, river forecasts only include 1 – 2 days worth of rainfall.**

**For the latest on river flooding: <http://water.weather.gov/ahps>**

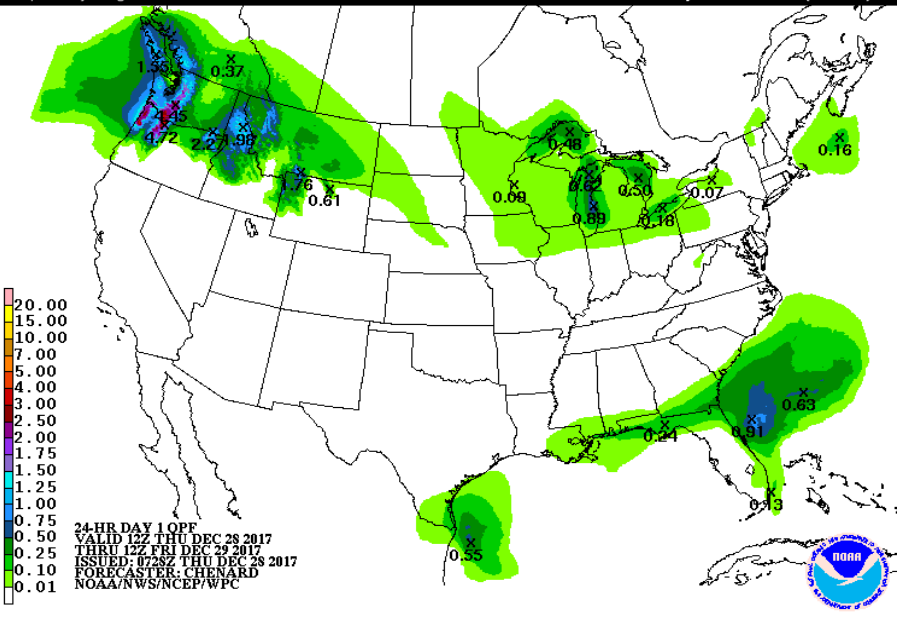
# Today's Weather



## Day 1 National Forecast Chart

Valid Thu, Dec 28, 2017, issued 3:20 AM EST  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



24 HR DAY 1 OPI  
 VALID 12Z THU DEC 28 2017  
 THRU 12Z FRI DEC 29 2017  
 ISSUED: 0728Z THU DEC 28 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC

Light freezing drizzle possible over SW OK  
 and NW TX along Red River;  
 Localized minor travel impacts possible.

Highlighted Area: FEMA Region 6

## Severe Weather Outlook Thursday, December 28, 2017

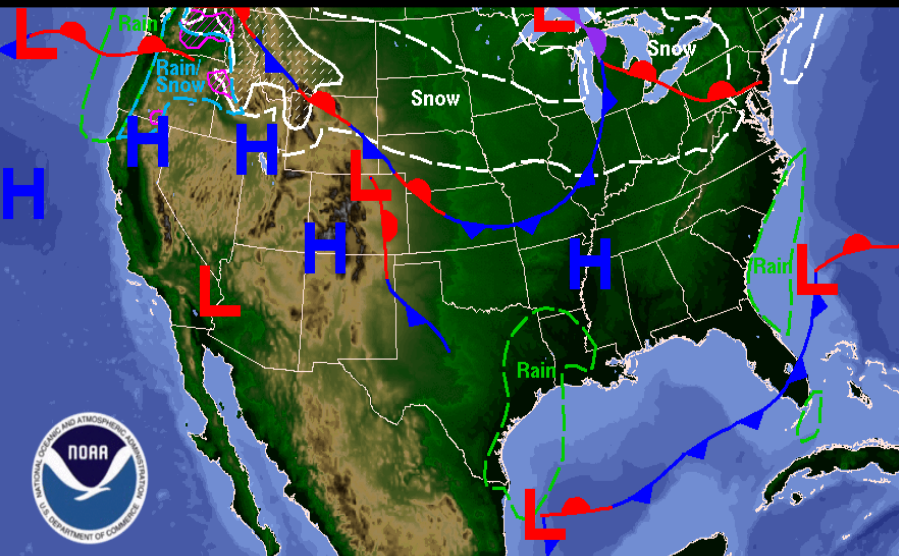
Last Updated: Dec 28 2017 0646 AM CST  
 Valid Until: Dec 29 2017 0600 AM CST



NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>



# Tomorrow's Weather



**No significant weather expected.**

### Day 2 National Forecast Chart

Valid Fri, Dec 29, 2017, issued 3:55 AM EST Thu, Dec 28, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

## Rain

## Rain and T'Storms

## Rain and Snow

## Snow

**Severe T'Storms Possible (hatched)**

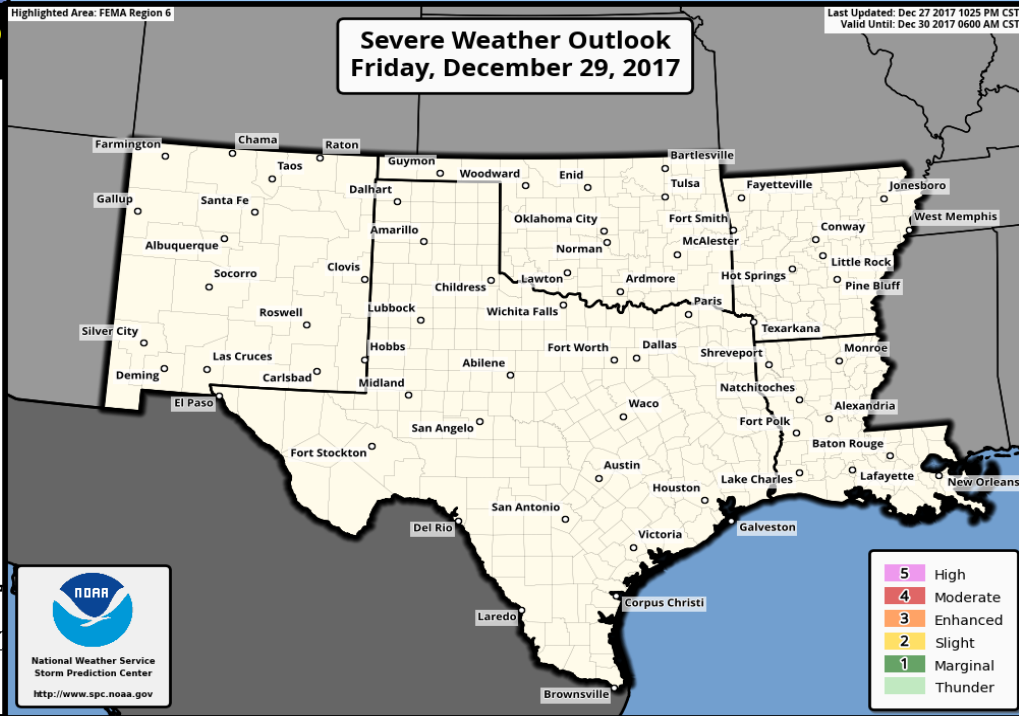
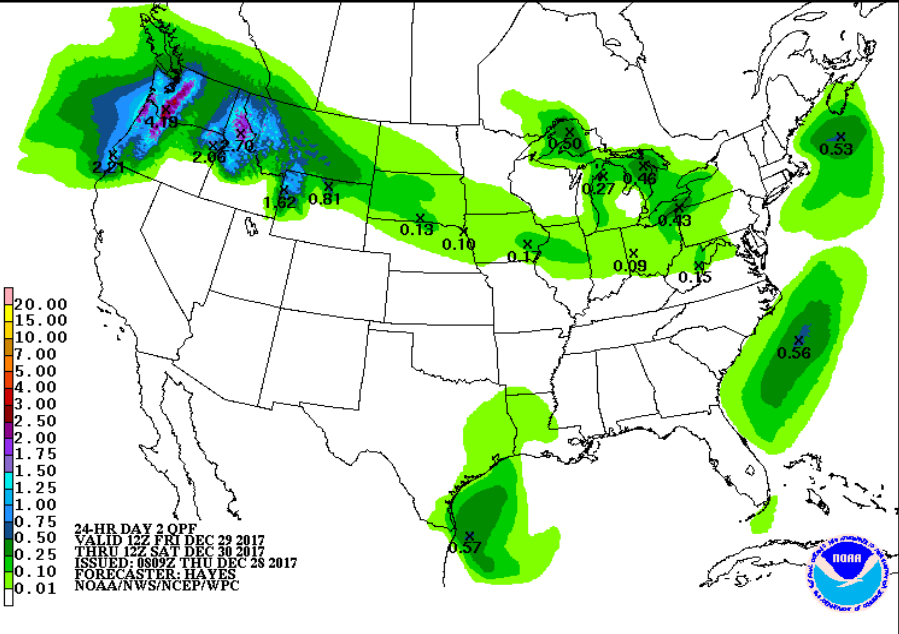
### Freezing Rain Possible (hatched)

**Heavy Snow Possible (hatched)**

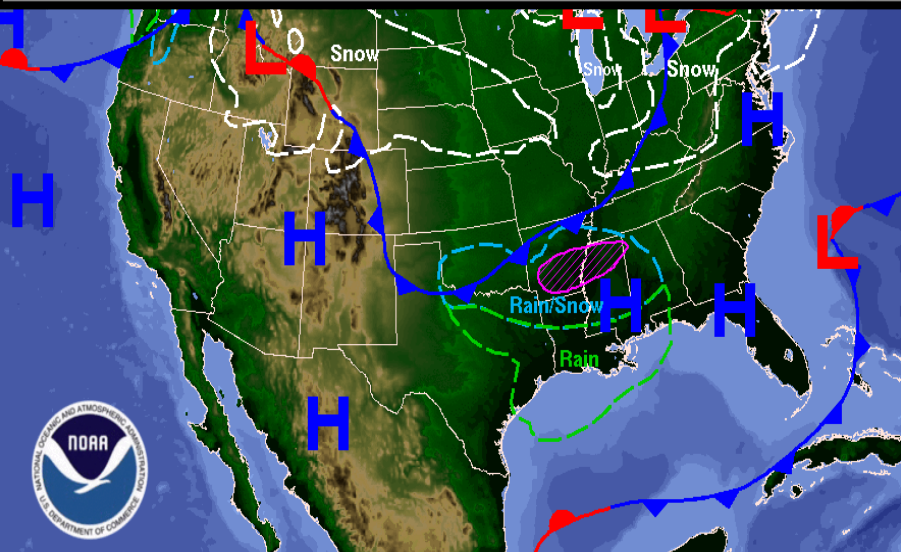
Highlighted Area: FEMA Region 6

## Severe Weather Outlook Friday, December 29, 2017

Last Updated: Dec 27 2017 1025 PM CST  
Valid Until: Dec 30 2017 0600 AM CST



# Saturday's Weather

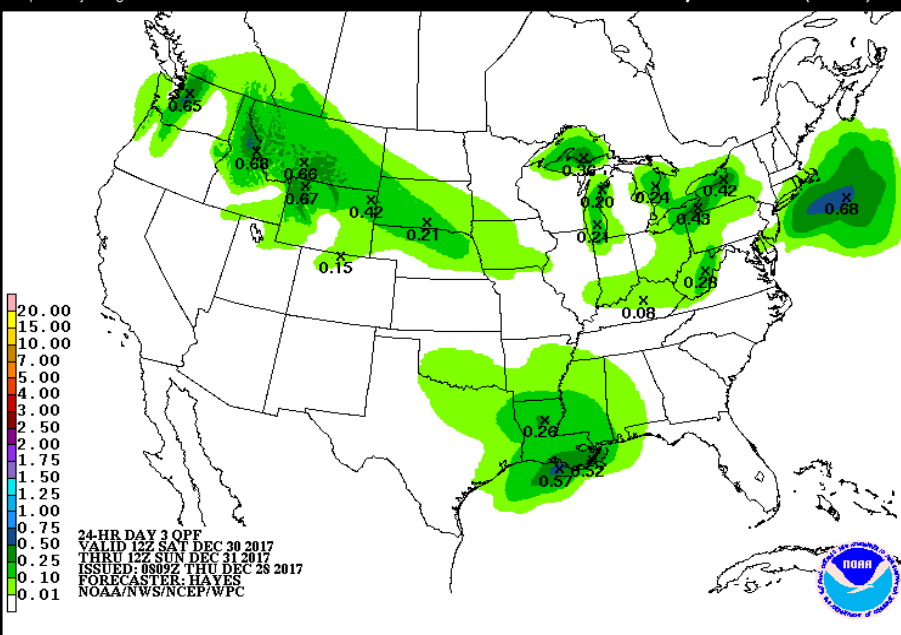


**Hazardous winter weather possible over NE portions of region; Very cold temps; precip type and amounts uncertain**

## Day 3 National Forecast Chart

Valid Sat, Dec 30, 2017, issued 4:00 AM EST Thu, Dec 28, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

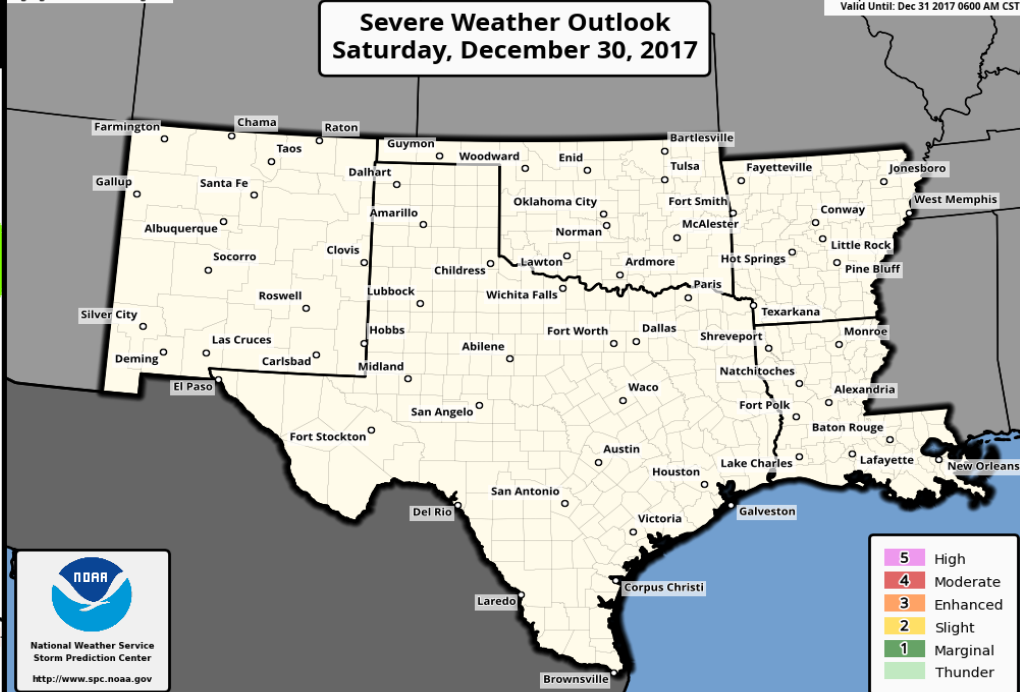
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

## Severe Weather Outlook Saturday, December 30, 2017

Last Updated: Dec 27 2017 11:51 PM CST  
Valid Until: Dec 31 2017 06:00 AM CST



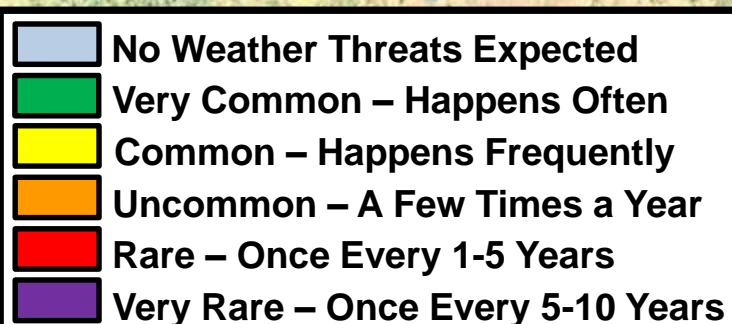


# Day 4-5 Weather Hazards

## *Sunday - Monday*



Snow or a wintry mix possible Sunday. Low confidence on precipitation types/amounts/locations at this time. Monday chances diminish, but arctic temps remain.



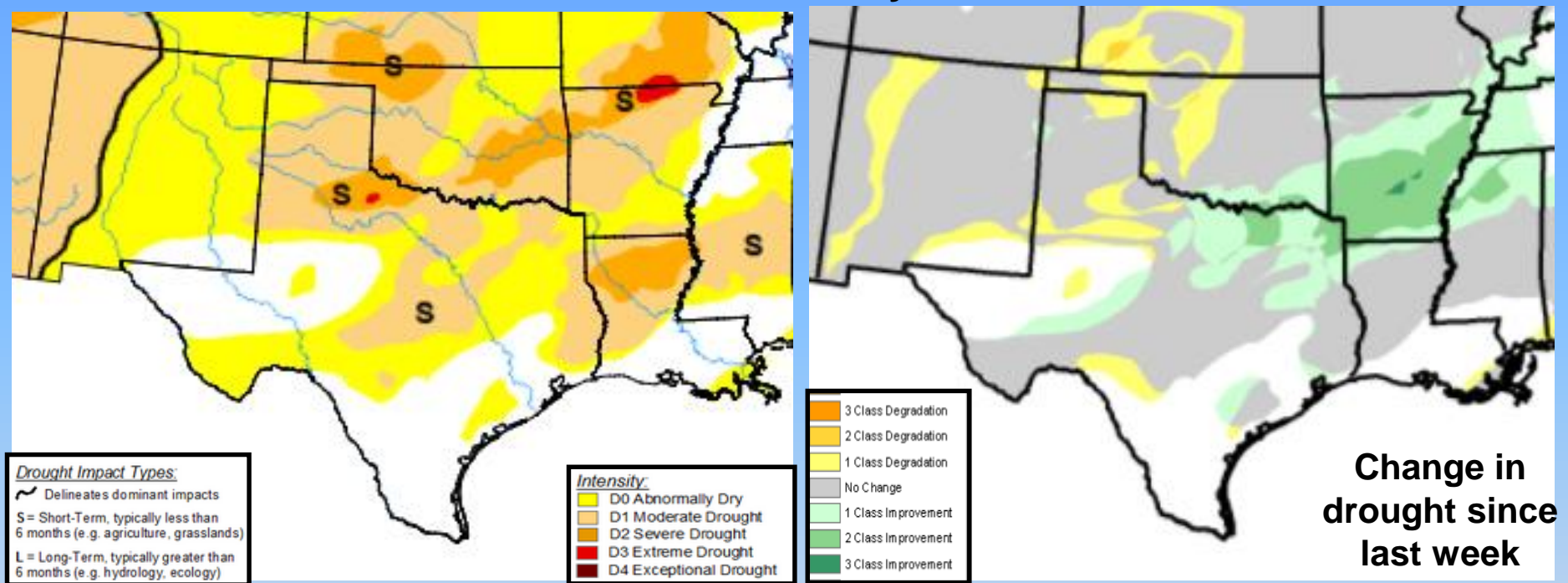
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released December 28, 2017

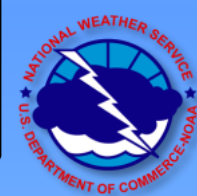
Data valid as of 6am CST, Tuesday, December 26, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	2.37%	25.31%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	0.00%	1.21%	0.00%	3.14%
Texas	0.11%	0.25%	0.00%	0.04%
New Mexico	0.00%	0.00%	0.00%	0.00%

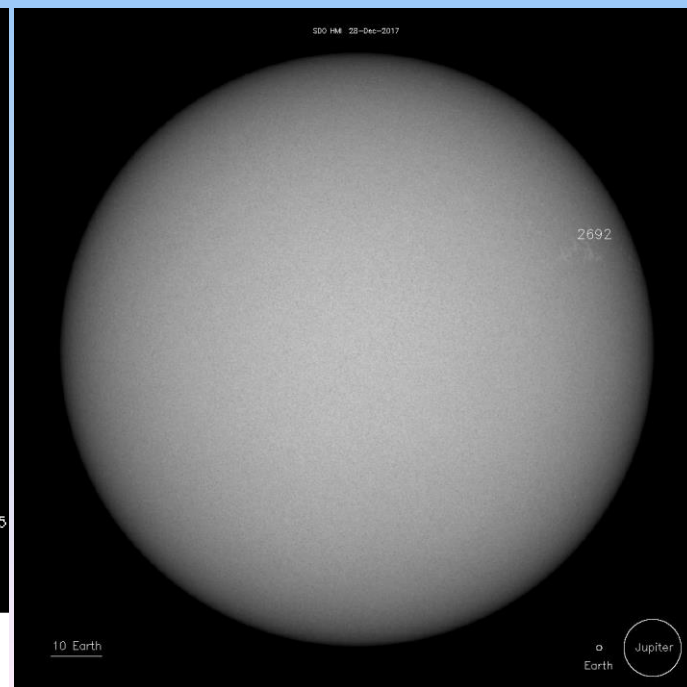
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-12-28 14:05 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>